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JAN 31 1994

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

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January 31, 1994

MM 97-77

Mr. William F. Caton
Acting Secretary
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554

Stop Code: 1800B3-MLN

RE: Columbia Union College Broadcasting, Inc.
WGTS-FM, Takoma Park, Maryland
File No. BPED-930723MB

Dear Mr. Caton:

Submitted herewith is a minor amendment to the above-identified application to modify the facilities of WGTS-FM, Takoma Park, Maryland. This amendment was requested by the Commission's FM Branch in a letter dated December 1, 1993.

The Commission's letter requested further information concerning compliance with radiation guidelines. As stated in the application, the proposed facility will not expose individuals on the ground to radiofrequency radiation in excess of the current guidelines. The Commission's letter points out that a worst-case analysis of the proposal and WABS(AM) would require a fence at a distance of six meters from the base of the tower. There is an existing fence with warning signs around the site to preclude inadvertent access. This facility has been the subject of recent RFR measurements for the presently-colocated stations WAVA(FM) (File No. BPH-930304IH for its auxiliary antenna) and WBIG(FM) (File No. BLH-930127KC). As a condition of its construction permit, the Commission may require that RFR measurements will be provided by WGTS to demonstrate compliance with the guidelines.

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FEB 2 1994

FM EXAMINERS

Mr. William F. Caton
January 31, 1994
Page 2

Please direct any questions concerning this matter to the undersigned.

Very truly yours,

A handwritten signature in cursive script, reading "Donald E. Martin". The signature is written in dark ink and is positioned above the printed name and title.

Donald E. Martin
Counsel for
Columbia Union College Broadcasting, Inc.

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AMENDMENT TO APPLICATION

JAN 31 1994

OF COLUMBIA UNION COLLEGE BROADCASTING, INC. FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

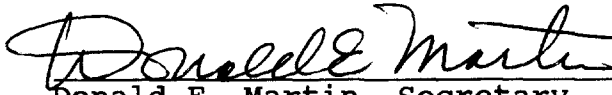
WGTS-FM, TAKOMA PARK, MARYLAND

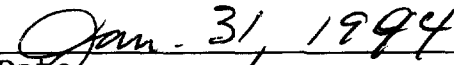
File No. BPED-930723MD

Columbia Union College Broadcasting, Inc. hereby amends its application for authority to modify the facilities of WGTS-FM, Takoma Park, Maryland (File No. BPED-930723MB) so as to substitute the following materials in place of the corresponding pages in the original application:

1. Page 2 of Section V-B is replaced so as to report corrected values for the elevation of the top of the tower supporting the proposed antenna above ground level and above mean sea level in Item 7(a)(2) and (3).
2. A revised tower sketch is provided to replace the original sketch to reflect the corrections made in Item 7(a)(2).
3. Engineering Exhibit No. 4 is replaced with a new coverage contour map. It was discovered that the contour shown on the original map was incorrectly drawn.

None of these corrections affects the operating parameters, coverage or interference protections for the proposed facility.


Donald E. Martin, Secretary
Columbia Union College
Broadcasting, Inc.


Date

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 2)

4. Does the application propose to correct previous site coordinates?

☐ Yes ☒ No

If Yes, list old coordinates.

Latitude	°	'	"	Longitude	°	'	"
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5. Has the FAA been notified of the proposed construction?

☐ Yes ☒ No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Exhibit No.

Date _____ Office where filed _____

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of nearest runway.

Landing Area	Distance (km)	Bearing (degrees True)
(a) <u>Pentagon Heliport</u>	<u>7.1</u>	<u>112°</u>
(b) _____	_____	_____

7. (a) Elevation: *(to the nearest meter)*(1) of site above mean sea level; 119 meters(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 139 meters(3) of the top of supporting structure above mean sea level [(a)(1) + (a)(2)] 258 meters(b) Height of radiation center: *(to the nearest meter)* H - Horizontal; V - Vertical(1) above ground 98 meters (H)98 meters (V)(2) above mean sea level [(a)(1) + (b)(1)] 217 meters (H)217 meters (V)(3) above average terrain 150 meters (H)150 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(b)(3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

Exhibit No.
1

9. Effective Radiated Power:

(a) ERP in the horizontal plane

25.0 kw (H=) 25.0 kw (V=)

(b) Is beam tilt proposed?

☐ Yes ☒ No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field.

Exhibit No.

 kw (H=) kw (V=)

-Polarization

NOTE: NOT DRAWN TO SCALE

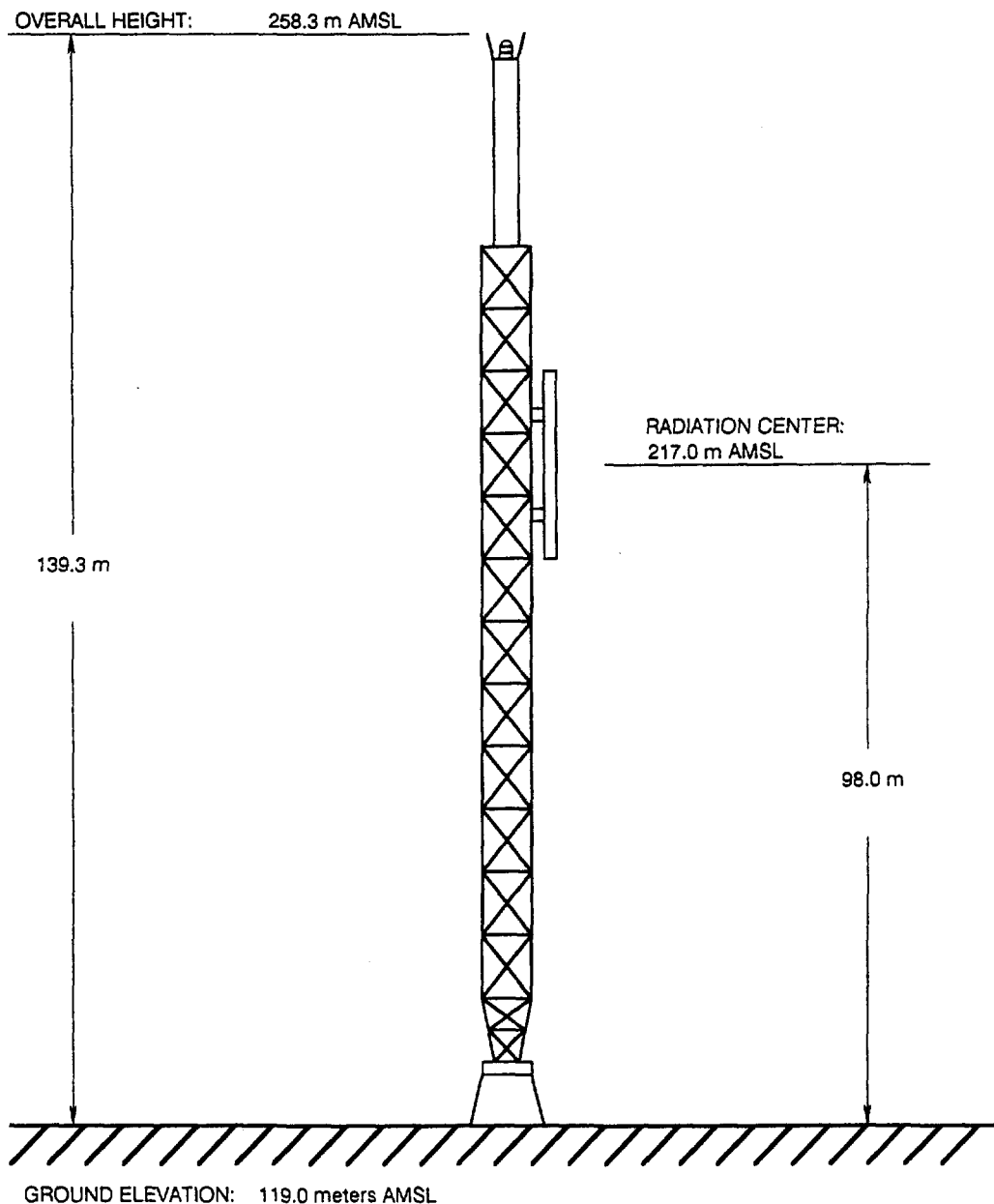


EXHIBIT NO. 1

WGTS-FM

TAKOMA PARK, MARYLAND

VERTICAL PLAN SKETCH OF PROPOSED ANTENNA AND SUPPORT STRUCTURE

JANUARY 1994

MOFFET, LARSON & JOHNSON, INC.

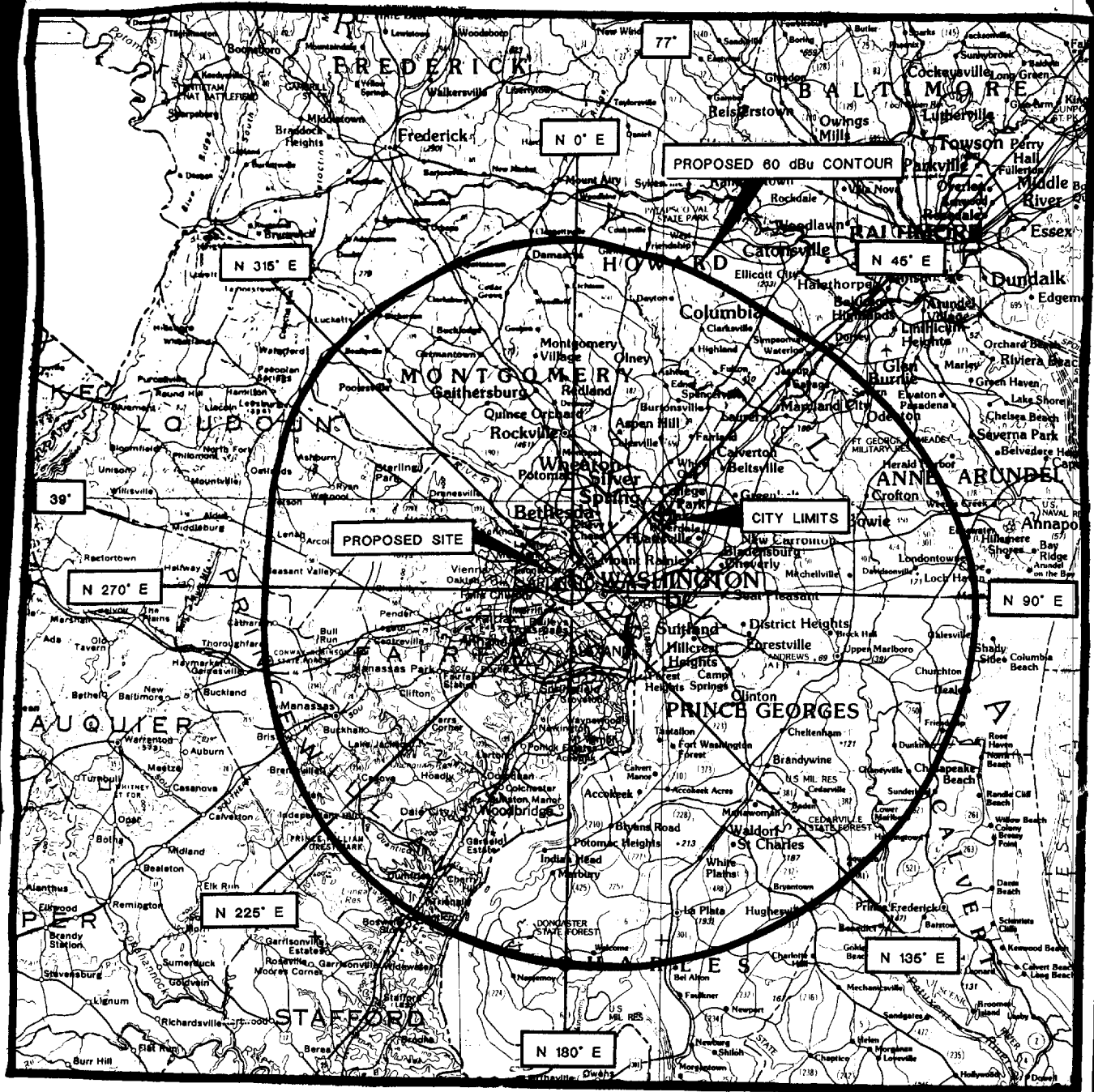


Exhibit No. 4

WGTS-FM
TAKOMA PARK, MARYLAND
MAP SHOWING THE PROPOSED COVERAGE CONTOUR
JANUARY 1994
MLJ Moffet, Larson & Johnson, Inc.
Consulting Telecommunications Engineers

